

SCI-FI SPRING BREAK



BIG IDEAS brought to LIFE: 6 STEM-based, hands-on workshops

BEGINNING ROBOTICS - March 26, 9:30am-noon

Get an introduction to programming, engineering, and robotics. Using LEGO Mindstorm kits, students will learn to program robots to capture objects, avoid obstacles, & follow commands. No prior experience required to join this world of mechanics and software design.

MATH IS FUN! - March 26, 1-3:30 pm

Math is as much about the process as the results. Measure, add, multiply and subtract to find patterns in nature that help us discover and understand our environment. Knowing math functions helps!

3-D PRINTING - March 27, 9:30am-noon

Experience the fun and excitement of 3-D printers! Students will learn the technology behind 3-D printers, and learn how to design and print 3-D models. Discover how 3D printers can solve real world problems!

FABULOUS FOOD SCIENCE - March 27, 1-3:30 pm

Learn the principles of chemistry as students follow recipes to create food science. Use flavor radar to guess mystery flavors and then create your own flavors for foods! PLEASE NOTE: Workshop foods may contain nuts, sugar, dairy, and gluten.

MINI-GARDENS - March 28, 9:30am-noon

Students will build a tiny world that fairies might inhabit! Each garden home will create a small scene filled with plants and items that could become home for these whimsical creatures.

MAKER-SPACE - March 28, 1-3:30 pm

Become an engineer by using household everyday items to learn how robots are built and how they move! Rubber bands, paper clips, batteries and plastic cups can work together to build a working robot. Are you up to the challenge?



These spring workshops are brought to you by University of Illinois Extension and DuPage County 4-H.

This year, we offer six STEM-based, hands-on programs to give youth, ages 8 to 12. Participants will learn, gain new skills and, of course, have fun!



March 26-28, 2018
AM sessions: 9:30 am-noon
PM sessions: 1-3:30 pm

**Feel free to bring a sack lunch & stay between sessions*



U of I Extension
1100 E. Warrenville Road
Naperville, IL 60563



\$25 per youth per session

For full details or to sign up:
go.illinois.edu/spring4Hdkk

Registration opens Feb. 2 and closes March 20. Space is limited!

For more information:

Patty Luster
(630) 955-1123 x 18
pluster@illinois.edu

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If you need a reasonable accommodation to participate in this program, please call your local University of Illinois Extension office.

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SAVE THE DATE: APRIL 26, 2018

community science fair

Do you want to be a part of a Science Fair? Want to put your ideas to the test? Join 4-H and Parkview Christian Academy for this community-wide event.

Designed for individuals in 4th to 12th grades. Each project must follow the Scientific Method.

More details about the 2018 Science Fair, registration, and information about a special Science Fair workshop at go.illinois.edu/science4Hdkk



Judging - April 25, assigned times
Showcase - April 26, 6-8 p.m.



Parkview Christian Academy
202 E. Countryside Pkwy, Yorkville 60560



\$10 per entry. Space is limited!

For questions:

U of I Extension / 4-H Youth Development
Jo Ann Britton
jbritton@illinois.edu or 630.553.5823

If you need a reasonable accommodation to participate, contact the Extension office at least two weeks prior to the event.

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